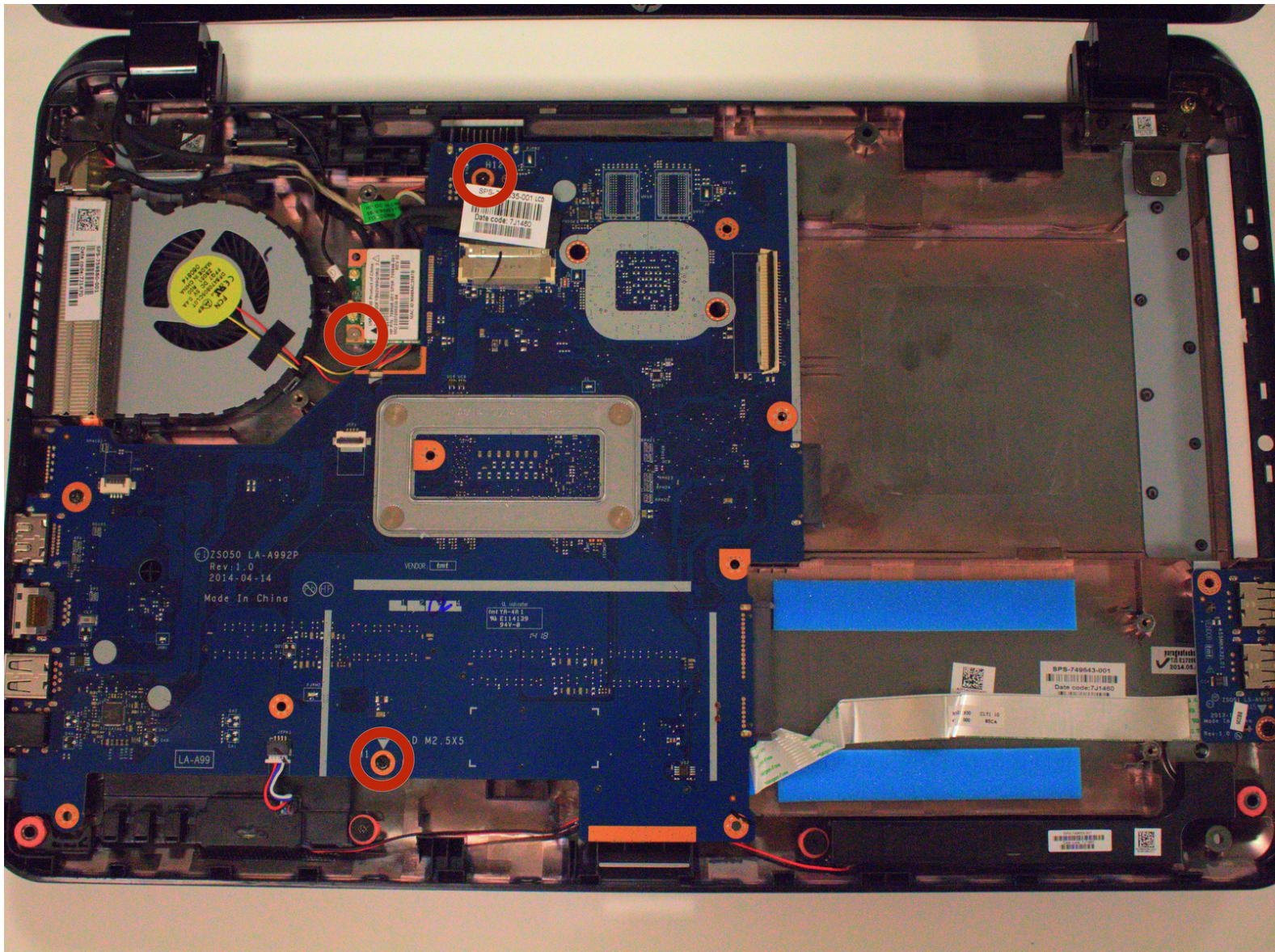




HP TouchSmart 15-r015dx Motherboard Replacement

This guide will show you how to replace your HP TouchSmart 15 motherboard.

Written By: Christopher Gonzalez



INTRODUCTION

The HP TouchSmart 15-r015dx has a standard laptop motherboard.



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Battery



- Turn off your laptop.
- ⚠ Ensure your laptop is off. Removing the battery while it is on may harm your laptop.
- Flip upside down in order to access the battery.

Step 2



- There are two battery release switches located under the battery.
- Slide both switches inward to release the battery.

Step 3



- Remove the battery.

i The release switches may need to be pushed inward while removing the battery.

Step 4 — DVD±RW Drive



- Turn off your laptop.

! Ensure your laptop is off. Removing the DVD±RW Drive while it is on may harm your laptop.

- Flip upside down in order to access the DVD±RW Drive.

Step 5



- There is 1 (one) screw holding the DVD±RW Drive in place.
- Use your screwdriver to remove the screw.
- ⓘ Be careful not to lose the screw.

Step 6



- The DVD±RW Drive is here.
- Remove the DVD±RW Drive by gently pulling it straight out.

Step 7 — Keyboard



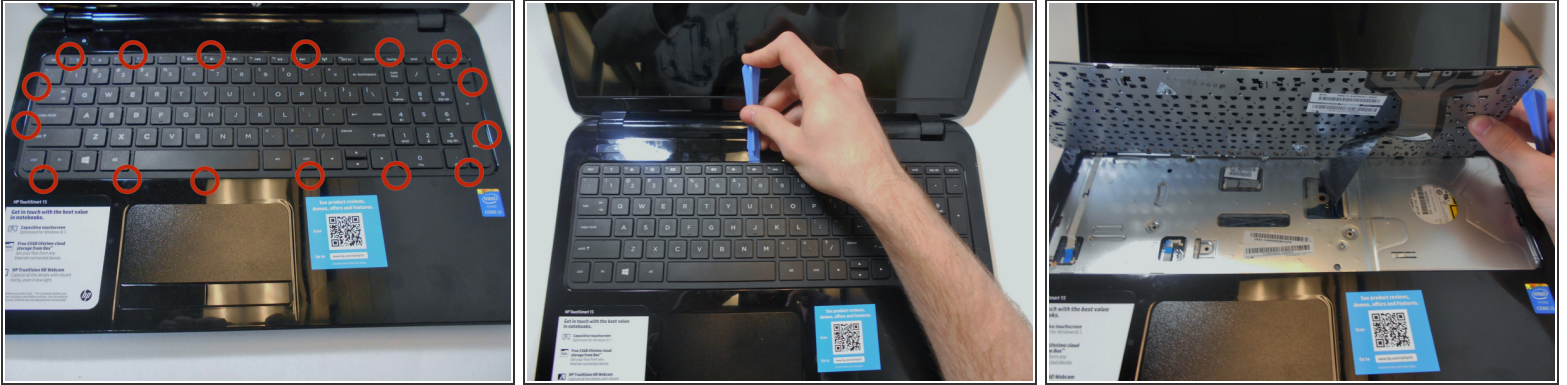
- Turn off your laptop.
- ⚠ Ensure your laptop is off. Removing the keyboard while it is on may harm your laptop.
- Flip upside down in order to release the keyboard.

Step 8




- There is 1 (one) screw holding the keyboard in place. There is a 2nd screw on some located on the table.
- Use your screwdriver to remove the screw.
- ⓘ Be careful not to lose the screw.

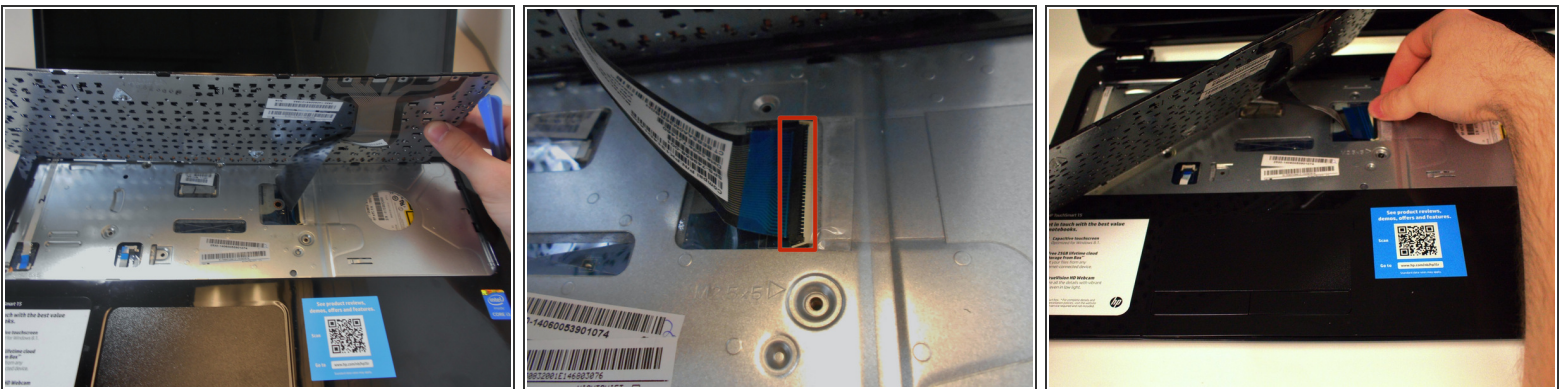
Step 9



- Flip the laptop back over and pull the screen up.
- There are 16 (sixteen) latches holding the keyboard in place.
- Gently pry the keyboard up using your plastic opening tool.

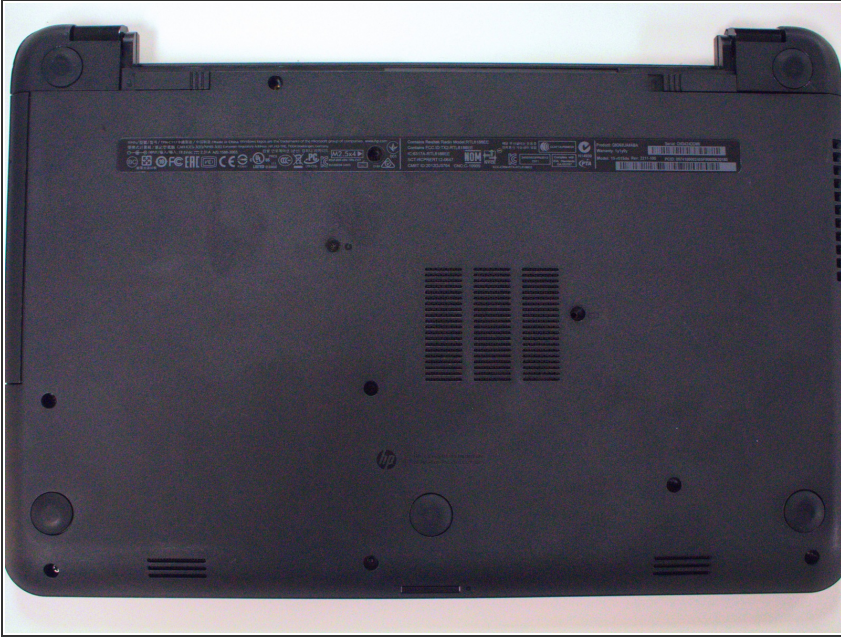
 Don't pull the keyboard up more than 2-3 inches as there is a film-material connecting the keyboard to the laptop.

Step 10



- There is a film-material connecting the laptop to the keyboard.
- There is a small black latch holding the film-material in place.
- Flip the black latch up to release the film-material.
- Once flipped up, simply pull the film-material out from the laptop to release the keyboard.

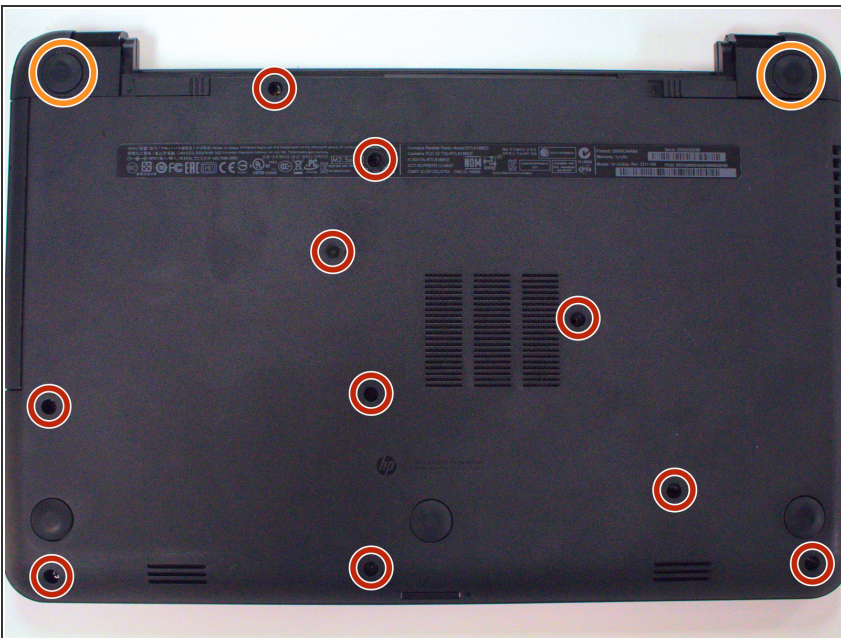
Step 11 — Hard Drive



- Close and flip your laptop over to access the screws.

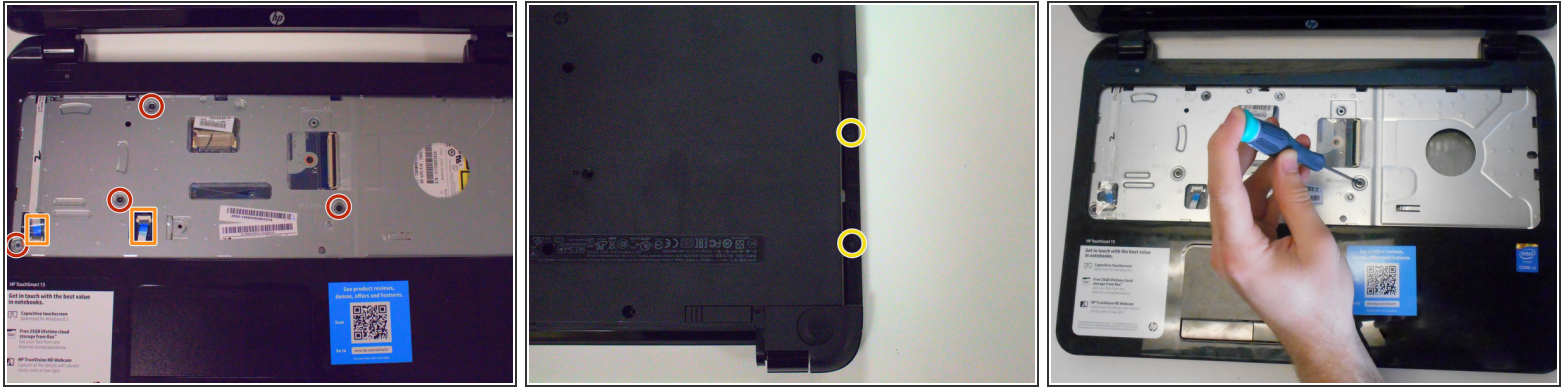
⚠ Ensure your laptop is off and the battery removed. Removing the hard drive with the laptop on will harm your computer.

Step 12



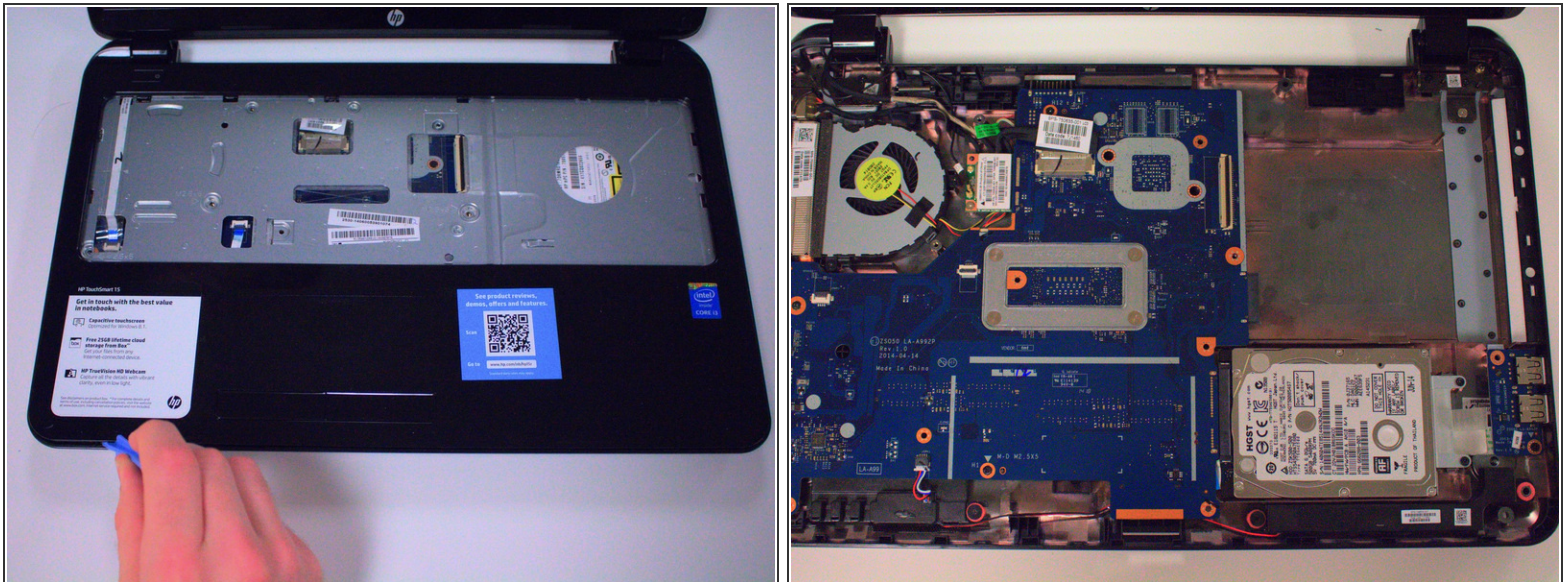
- Unscrew all the screws.
 - There are 2 screws underneath the covers that need to be unscrewed.
- i Our DVD±RW Drive is still inside, but yours should already be removed.

Step 13



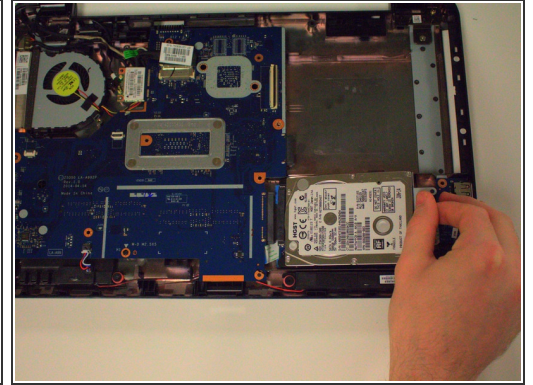
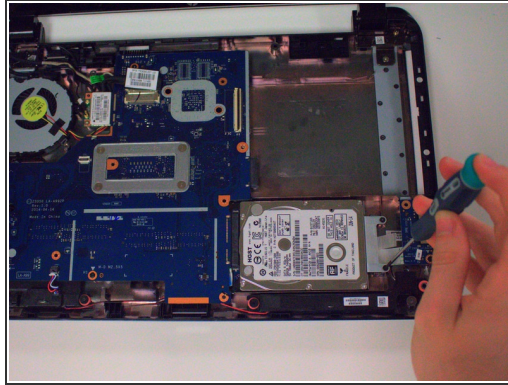
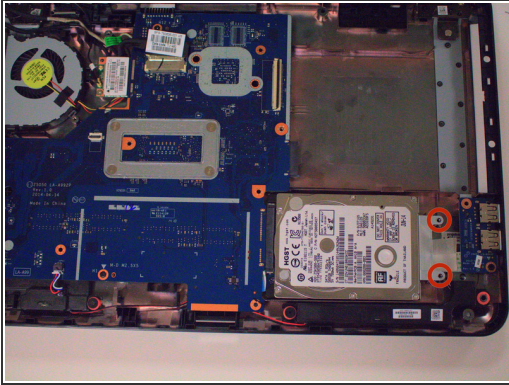
- Flip your laptop over and open it.
- There are 4 screws needing to be unscrewed.
- There are 2 wires that need to be unplugged before removing the base of the laptop.
- There are 2 more screws where the DVD±RW Drive was.

Step 14



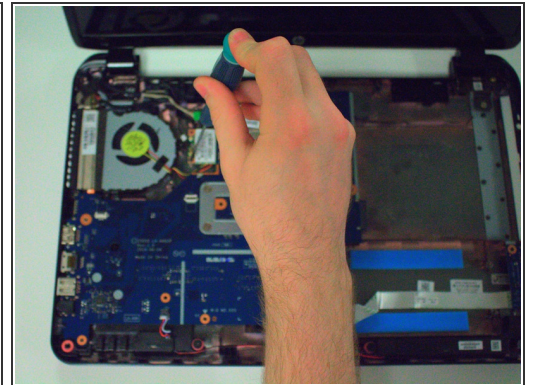
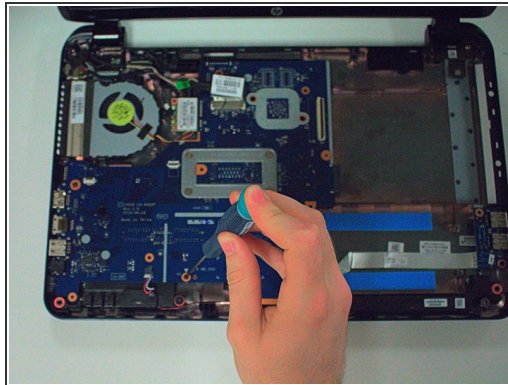
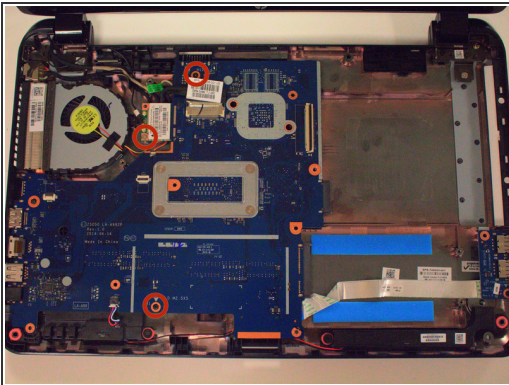
- Use your plastic opening tool to pry the base of the laptop off.

Step 15



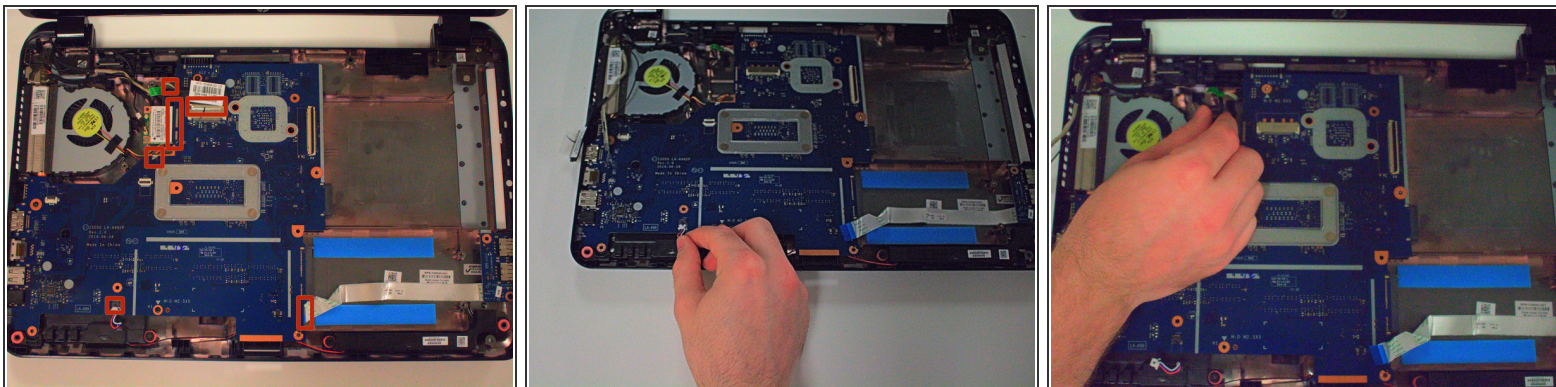
- There are 2 screws holding the hard drive in place.
- Use your screwdriver to unscrew the screws.
- Remove the hard drive by pulling it to the right like shown.

Step 16 — Motherboard



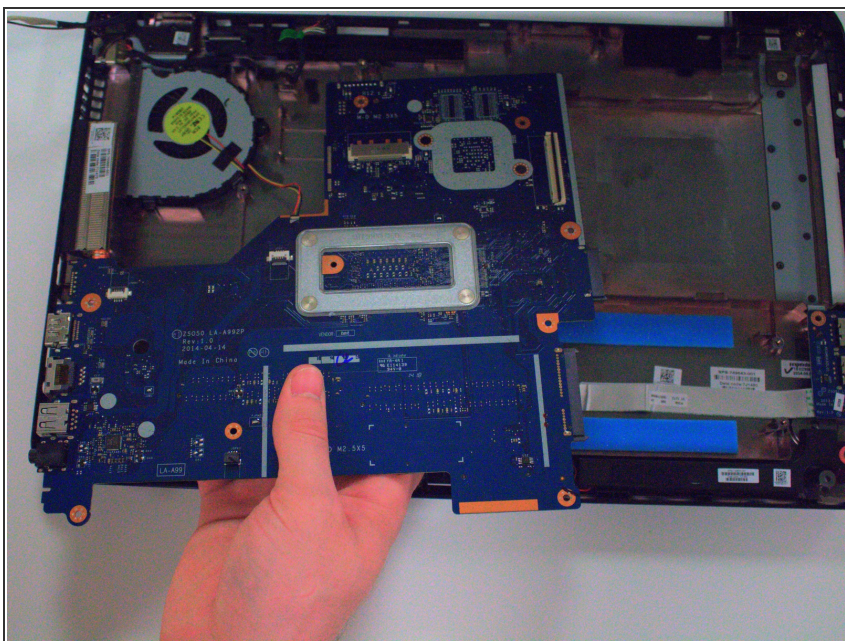
- There are 3 screws holding the motherboard in place.
- Unscrew the screws to release the motherboard.

Step 17



- There are several wires that need to be disconnected from the motherboard.
- Remove the wires carefully.

Step 18



- After removing all the wires, pull the motherboard out.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-16 10:24:08 PM.